

## ABSTRACT

Disclosed is an electrode device for microwave surgery which is provided with a marker securely fixed to the central electrode, which marker can provide a magnetic susceptibility artifact of a uniform size and shape free of fluctuation among electrode devices. The electrode device comprise a central conductor body, a tubular insulator body which covers the central conductor body except its distal end, a tubular external electrode which covers the tubular insulator body except its distal end part, and a central electrode which covers the distal end part of the central conductor body. The central conductor body, the insulator body, the external electrode and the central electrode are made of a nonmagnetic material, and a cylindrical member made of a magnetic material is fit around the distal end part of the central conductor body. At least one projection is defined on the lateral face of the central conductor body at the distal side of the cylindrical member, and the cylindrical member engages with the projection in the distal direction.